

### Project Information

|                               |                       |                           |                |
|-------------------------------|-----------------------|---------------------------|----------------|
| <b>Surveyor Name</b>          | Zack Herman           | <b>Certificate Number</b> | U-1111-13684   |
| <b>Owner</b>                  | City of Mountain View | <b>Street</b>             |                |
| <b>Drainage Area</b>          |                       | <b>PO Number</b>          |                |
| <b>Pipe Segment Reference</b> |                       | <b>Date</b>               | 1/3/2013 04:40 |
| <b>Time</b>                   |                       | <b>City</b>               | Mountain View  |
| <b>Comments</b>               |                       |                           |                |

### Manhole

|                            |          |                            |          |
|----------------------------|----------|----------------------------|----------|
| <b>Upstream MH</b>         | F5-54    | <b>Rim to Invert (U)</b>   |          |
| <b>Grade to Invert (U)</b> |          | <b>Rim to Grade (U)</b>    |          |
| <b>Downstream MH</b>       | F5-52    | <b>Rim to Invert (D)</b>   |          |
| <b>Grade to Invert (D)</b> |          | <b>Rim to Grade (D)</b>    |          |
| <b>Sewer Use</b>           | Sanitary | <b>Direction of Survey</b> | Upstream |

### Pipe

|                          |          |                        |                     |
|--------------------------|----------|------------------------|---------------------|
| <b>Height (Diameter)</b> | 15       | <b>Flow Control</b>    |                     |
| <b>Shape</b>             | Circular | <b>Material</b>        | Vitrified Clay Pipe |
| <b>Lining Method</b>     |          | <b>Total Length</b>    |                     |
| <b>Width</b>             |          | <b>Year Renewed</b>    | 322.6               |
| <b>Year Laid</b>         |          | <b>Length Surveyed</b> | 322.6               |

### Misc

|                          |                 |                         |     |
|--------------------------|-----------------|-------------------------|-----|
| <b>Pipe Joint Length</b> |                 | <b>Media Label</b>      | DVD |
| <b>Purpose</b>           |                 | <b>Sewer Category</b>   |     |
| <b>Pre-Cleaning</b>      | No Pre-Cleaning | <b>Date Cleaned</b>     |     |
| <b>Weather</b>           |                 | <b>Location Code</b>    |     |
| <b>Additional Info</b>   |                 | <b>Location Details</b> |     |

### Custom

|                               |   |  |   |
|-------------------------------|---|--|---|
| <b>Number of Taps</b>         | 0 | <b>Number of Roots</b>                     | 2 |
| <b>Num Cracks / Fractures</b> | 5 | <b>Number of Broken / Holes / Collapse</b> | 1 |
| <b>Number of Deposits</b>     | 0 | <b>Custom6</b>                             |   |
| <b>Custom7</b>                |   | <b>Struct Grade</b>                        |   |
| <b>OM Grade</b>               |   | <b>Overall Grade</b>                       |   |

### Pacp 6

|                            |      |                             |                       |
|----------------------------|------|-----------------------------|-----------------------|
| <b>Reverse Setup ID</b>    |      | <b>Sheet (Group) Number</b> |                       |
| <b>Imperial Units (US)</b> | True | <b>Pressure Value</b>       |                       |
| <b>Work Order</b>          |      | <b>Project</b>              | CITY OF MOUNTAIN VIEW |
|                            |      | <b>Completed</b>            | Yes                   |

# Project: CITY OF MOUNTAIN VIEW

Date: 1/3/2013 4:40:00 AM

Street:

Length Surveyed: 322.6

Pacp Quick Overall Rating: 4232

Height (Diameter): 15

Street:

Pipe Segment Reference:

Upstream MH: F5-54

Downstream MH: F5-52

Direction of Survey: Upstream

Material: Vitrified Clay Pipe

| Distance | Fault Observation  | Time  | Picture |
|----------|--|-------|---------|
| 0.0      | <p><b>Start Inspection</b><br/>                     Severity: None<br/>                     Remarks: start</p>   | 31    |         |
| 164.8    | <p><b>Crack Longitudinal</b><br/>                     Position: 12<br/>                     Severity: None<br/>                     Struct Weight: 2</p>                             | 06:45 |         |
| 167.5    | <p><b>Roots Fine Joint</b><br/>                     Position: 10<br/>                     Severity: None<br/>                     Joint<br/>                     Maint Weight: 1</p> | 07:05 |         |

| Distance | Fault Observation   | Time  | Picture  |
|----------|---|-------|--|
| 173.6    | <p><b>Crack Longitudinal</b><br/> <b>Position: 2</b><br/> <b>Severity: None</b><br/> <b>Struct Weight: 2</b></p>                | 07:33 |     |
| 173.6    | <p><b>Infil Runner</b><br/> <b>Position: 3</b><br/> <b>Severity: None</b><br/> <b>Maint Weight: 4</b></p>                       | 07:50 |   |
| 178.8    | <p><b>Roots Fine Joint</b><br/> <b>Position: 1</b><br/> <b>Severity: None</b><br/> <b>Joint</b><br/> <b>Maint Weight: 1</b></p> | 08:14 |  |

| Distance | Fault Observation   | Time  | Picture  |
|----------|---|-------|--|
| 178.8    | <p><b>Crack Longitudinal</b><br/> <b>Position: 1</b><br/> <b>Severity: None</b><br/> <b>Struct Weight: 2</b></p>  | 08:30 |     |
| 183.4    | <p><b>Crack Longitudinal</b><br/> <b>Position: 12</b><br/> <b>Severity: None</b><br/> <b>Struct Weight: 2</b></p> | 08:56 |   |
| 193.9    | <p><b>Infil Runner</b><br/> <b>Position: 9</b><br/> <b>Severity: None</b><br/> <b>Maint Weight: 4</b></p>         | 09:29 |  |

| Distance | Fault Observation   | Time  | Picture   |
|----------|---|-------|---|
| 276.6    | <p><b>Crack Multiple</b><br/> <b>Position: 6 To 9</b><br/> <b>Severity: None</b><br/> <b>Struct Weight: 3</b></p> | 12:03 |  <p>MH F5-52 1/8/2018 TO CITY OF MOUNTA MH F5-54 04:55</p> <p>Crack Multiple<br/>276.6 FT</p>        |
| 290.0    | <p><b>General Observation</b><br/> <b>Severity: None</b><br/> <b>Remarks: Pipe looks egg shaped</b></p>           | 13:02 |  <p>MH F5-52 1/8/2018 TO CITY OF MOUNTA MH F5-54 04:56</p> <p>General Observation<br/>290.0 FT</p> |
| 321.6    | <p><b>Broken</b><br/> <b>Position: 9</b><br/> <b>Severity: None</b><br/> <b>Struct Weight: 3</b></p>              | 14:32 |  <p>MH F5-52 1/8/2018 TO CITY OF MOUNTA MH F5-54 04:58</p> <p>Broken<br/>321.6 FT</p>             |

| Distance | Fault Observation  | Time  | Picture   |
|----------|--|-------|---|
| 322.6    | <p style="text-align: center;"><b>End Inspection</b><br/> <b>Severity: None</b><br/> <b>Remarks: cannot pass</b><br/> <b>break at 6 o'clock.</b></p> | 15:21 |  |

Created with the  POSM report generator

# Project: CITY OF MOUNTAIN VIEW

Date: 1/3/2013 4:40:00 AM

Street:

Length Surveyed: 322.6

Pacp Quick Overall Rating:  
4232

Height (Diameter): 15

Street:

Pipe Segment Reference:

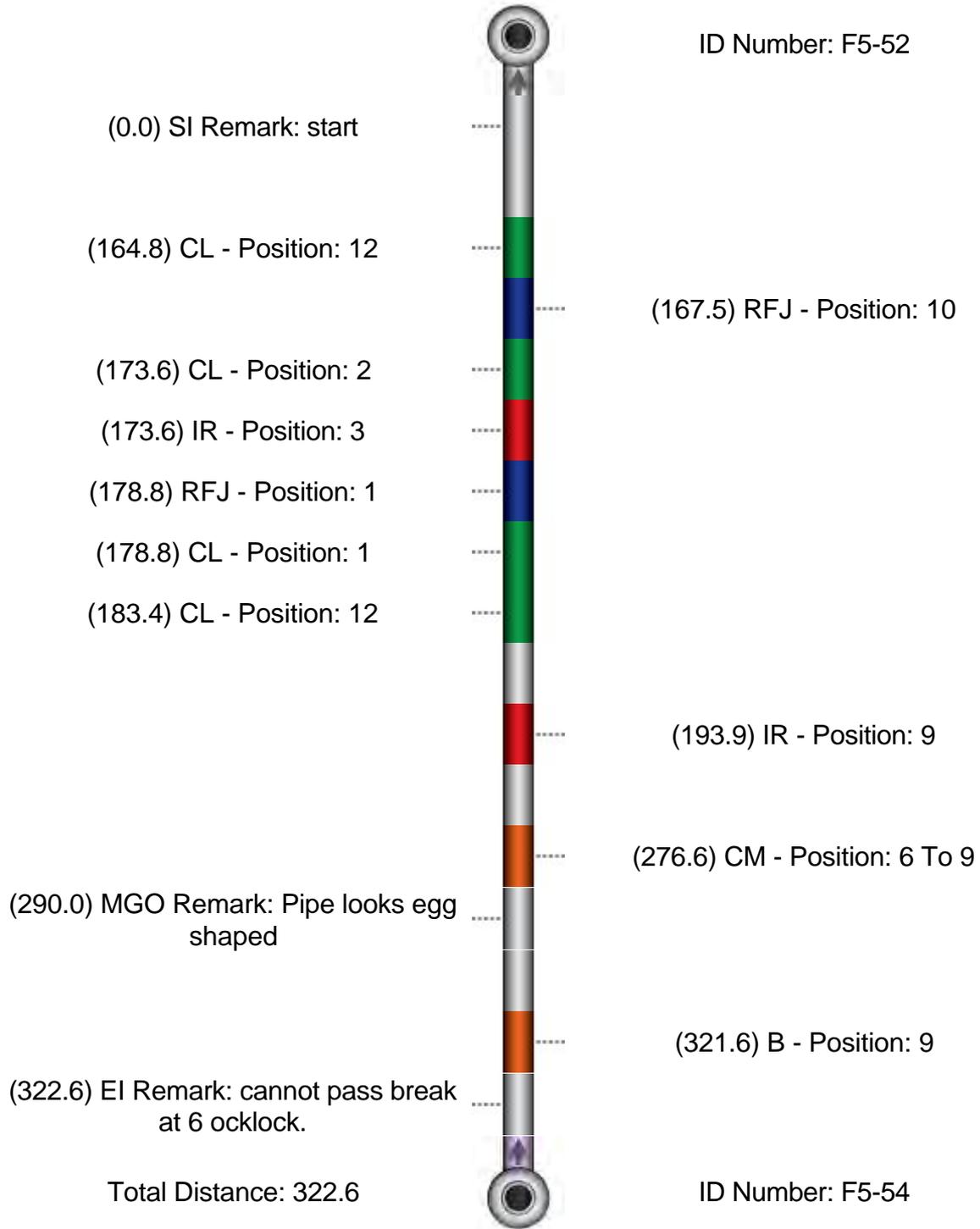
Upstream MH: F5-54

Downstream MH: F5-52

Direction of Survey: Upstream

Material: Vitrified Clay Pipe

| Severity |
|----------|
| Light    |
| Moderate |
| Average  |
| Heavy    |
| Severe   |



# Nassco C.C.T.V. Defect Code Information

| Grade              | Structural | O&M  | Overall |
|--------------------|------------|------|---------|
| 5                  | 0          | 0    | 0       |
| 4                  | 0          | 8    | 8       |
| 3                  | 6          | 0    | 6       |
| 2                  | 8          | 0    | 8       |
| 1                  | 0          | 2    | 2       |
| Overall            | 14         | 10   | 24      |
| Number of Defects  | 6          | 4    | 10      |
| Pipe Rating        | 3224       | 4212 | 4232    |
| Pipe Ratings Index | 2          | 2    | 2       |

# Nassco C.C.T.V. Defect Code Information

| Distance | Video Ref | Code                            | Cont Defect | Value     |     |   | Joint | Circumferential Location |    |
|----------|-----------|---------------------------------|-------------|-----------|-----|---|-------|--------------------------|----|
|          |           |                                 |             | Dimension |     | % |       | At / From                | To |
|          |           |                                 |             | 1st       | 2nd |   |       |                          |    |
| 0        | 31        | SI - Start Inspection           |             |           |     |   |       |                          |    |
|          |           | start                           |             |           |     |   |       |                          |    |
| 164.8    | 405       | CL - Crack Longitudinal         |             |           |     |   | 12    |                          |    |
| 167.5    | 425       | RFJ - Roots Fine Joint          |             |           |     | X | 10    |                          |    |
| 173.6    | 453       | CL - Crack Longitudinal         |             |           |     |   | 2     |                          |    |
| 173.6    | 470       | IR - Infil Runner               |             |           |     |   | 3     |                          |    |
| 178.8    | 494       | RFJ - Roots Fine Joint          |             |           |     | X | 1     |                          |    |
| 178.8    | 510       | CL - Crack Longitudinal         |             |           |     |   | 1     |                          |    |
| 183.4    | 536       | CL - Crack Longitudinal         |             |           |     |   | 12    |                          |    |
| 193.9    | 569       | IR - Infil Runner               |             |           |     |   | 9     |                          |    |
| 276.6    | 723       | CM - Crack Multiple             |             |           |     |   | 6     | 9                        |    |
| 290      | 782       | MGO - General Observation       |             |           |     |   |       |                          |    |
|          |           | Pipe looks egg shaped           |             |           |     |   |       |                          |    |
| 321.6    | 872       | B - Broken                      |             |           |     |   | 9     |                          |    |
| 322.6    | 921       | EI - End Inspection             |             |           |     |   |       |                          |    |
|          |           | cannot pass break at 6 o'clock. |             |           |     |   |       |                          |    |

# Videos Created for Session CITY OF MOUNTAIN VIEW

F5-52\_F5-54\_20130103---050606.mpg Size: 337 MB

Created with the  report generator

# Additional Reports for Session CITY OF MOUNTAIN VIEW

Created with the  report generator